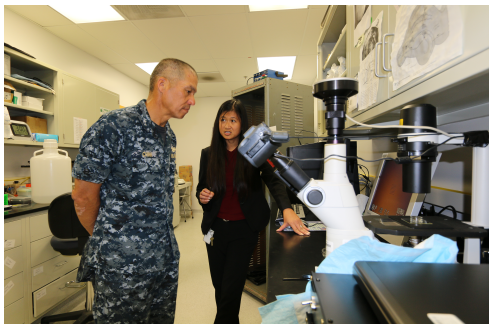
News Releases

Content Editor

Rear Adm. Chinn, Defense Health Agency's Director of Research Development and Acquisition Visits NAMRU-Dayton

Released: 11/15/2016

From NAMRU-D Public Affairs



Rear Admiral Colin Chinn, Director of Research, Development & Acquisition (RDA) Directorate at the Defense Health Agency, visited Naval Medical Research Unit - Dayton as part of a joint visit to 711th Human Performance Wing, which is collocated at Wright-Patterson Air Force Base. Dr. Joyce Rohan explains joint Air Force - Navy research on biological mechanisms associated with behavioral changes and effects of transcranial direct-current stimulation on cognitive performance. Sept. 23, 2016.

DAYTON, Ohio - Rear Adm. Colin G. Chinn is the Director of Research, Development & Acquisition (RDA) at the Defense Health Agency was onsite at Wright-Patterson Air Force Base (WPAFB) to meet with Air Force and Navy medical research subject matter experts in an effort to foster strategic partnerships and learn about those already in existence, Sept 23.

Chinn leads RDA to advance collaborative innovative medical research and development to improve military community health and save lives on and off the battlefield.

His visit to 711th Human Performance Wing (711 HPW) and Naval Medical Research Unit Dayton (NAMRU-D) provided a platform on which leadership from all three commands could discuss how to effectively align their goals, all of which point directly to the safety of the warfighter.

Capt. Rees Lee, NAMRU-D commanding officer, highlighted the exceptional capabilities.

News Releases

NAMRU-3 Researchers Contributed to the Influenza Vaccination Selection for 2016

R & D Chronicles - The Mosquito Fighters, Part VIII: Malaria Control in the Pacific War

Deputy Assistant Secretary of Defense for Research Visits NHRC

Lightening the Load: The Science Behind Finding the Balance Between Combat Load, Survivability, Health, and Performance

NAMRU-3 Change of Command Ceremony Highlights the Importance of Collaboration

Rear Adm. Chinn, Defense Health Agency's Director of Research Development and Acquisition Visits NAMRU-Dayton

NAMRU-SA Announces the Publication of Research on Novel Nanofibrous Scaffolds for Next Generation Antimicrobial Wound Dressing

U.S. Army and Navy Forces Collaborate with African Partners in the Fight against Malaria

NMRC and WRAIR Team Up to Launch Joint West Africa Research Group in Nigeria

R&D Chronicles: The Mosquito Fighters, Part VII - The Inimitable Dr. Stitt and the Navy Medical School

NAMRU San Antonio Participates in First Local Bioscience Research Database Website

Navy Surgeon General Conducts All Hands Call with Navy Research Unit in Cairo

Combat Artist Documents Navy Medicine Research and Development Activities at NAMRU-SA

NSMRL Hosts Young Scientists as Part of STEM Programs

"Navy Medicine researchers have developed, and continue to develop, as a result of fully engaging in a partnership with the collocated 711 HPW," said Lee.

Brigadier General Mark Koeniger, Commander, 711 HPW, hosted two focus area briefs for Chinn highlighting the cutting edge initiatives Air Force and Navy researchers are working on jointly to provide potential solutions to problems facing military aviators. The first was regarding inflight physiological incidents in which scientists are performing environmental altitude chamber testing of candidate oxygen and carbon dioxide, pressure, and flow sensors for integration into flight masks for hypoxia detection. This project is sponsored by U.S. School of Aerospace Medicine, located at WPAFB.

The second focus area addressed joint research on biological mechanisms associated with behavioral changes and effects of a type of brain stimulation that uses low level current delivered through an electrode placed on top of the scalp. Transcranial direct-current stimulation (tDCS) has been demonstrated to improve symptoms in patients suffering from neurological disorders as well as improve performance in healthy subjects. Researchers are trying to understand the underlying physiologic mechanisms of this brain stimulation technique and its short and long-term impact on brain function. The goal is to develop this promising technology into an effective method to improve cognitive performance while mitigating potential adverse neurologic symptoms. Observations have been made that demonstrate that this non-invasive electrical stimulation is capable of modifying synaptic plasticity, an early glimpse as to the mechanism leading to improved patient performance.

The research team at NAMRU-Dayton work with military, government, academic and industry partners to develop innovative solutions for the aeromedical and toxicology threats to maximize warfighter performance and survivability.

Navy Medicine's Deputy Chief Readiness, Health, Visits NHRC

Bacteriophage-based Therapy Overcame an A. baumannii Infection

NMRC's Lt. Watters Competes in NATO Chess Tournament

NAMRU-SA Research Responds to the Specific Needs of Warfighters and Clinicians in Posters Sessions at MHSRS 2016

NMRC Commanding Officer Tours Bone Marrow Research Lab

Navy Medicine Patent Attorneys Provide Researchers Patent Process Seminar at NMRC